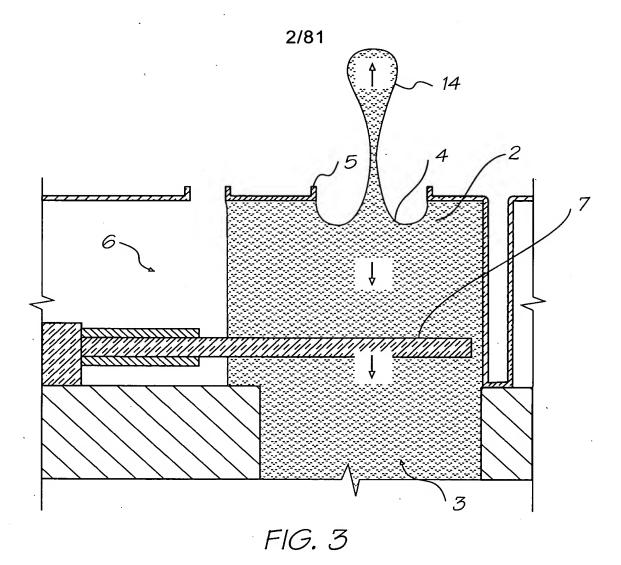
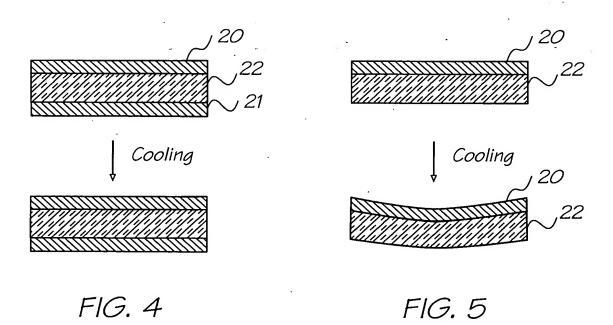


FIG. 2





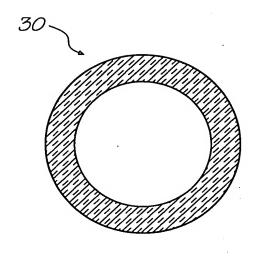


FIG. 6

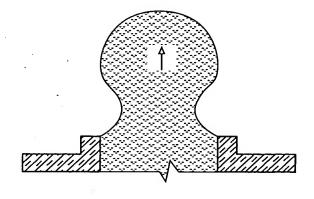


FIG. 7

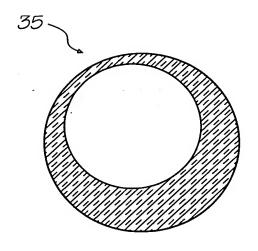


FIG. 8

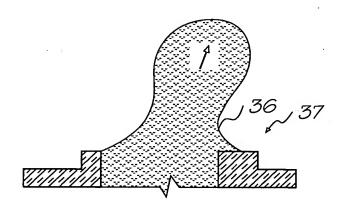
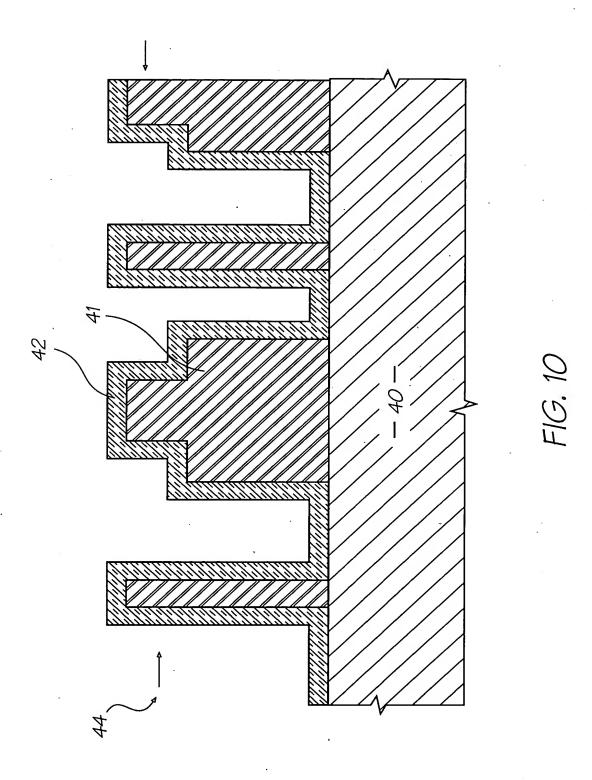


FIG. 9



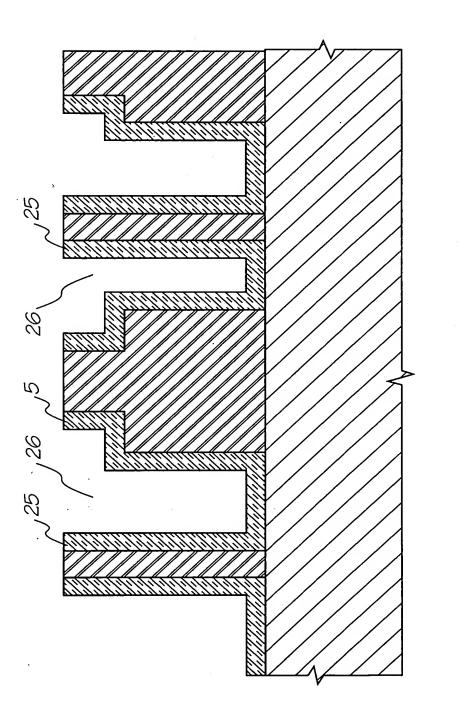


FIG. 11

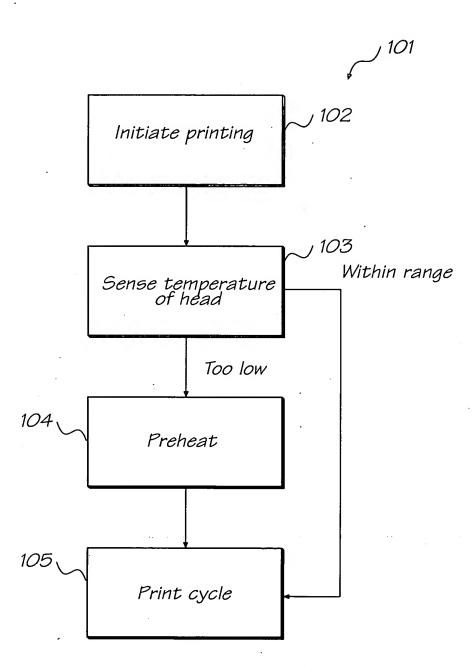
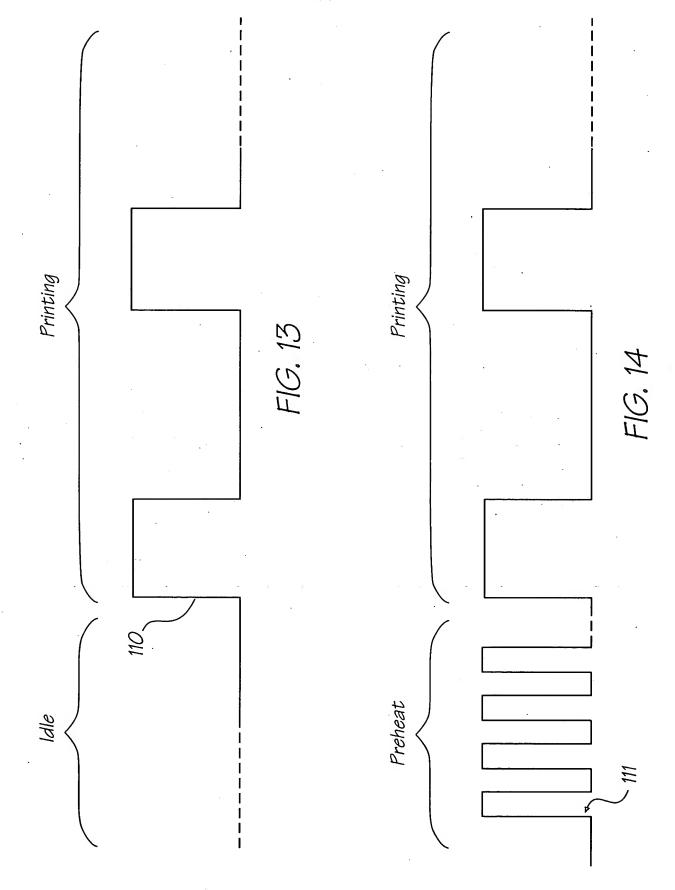
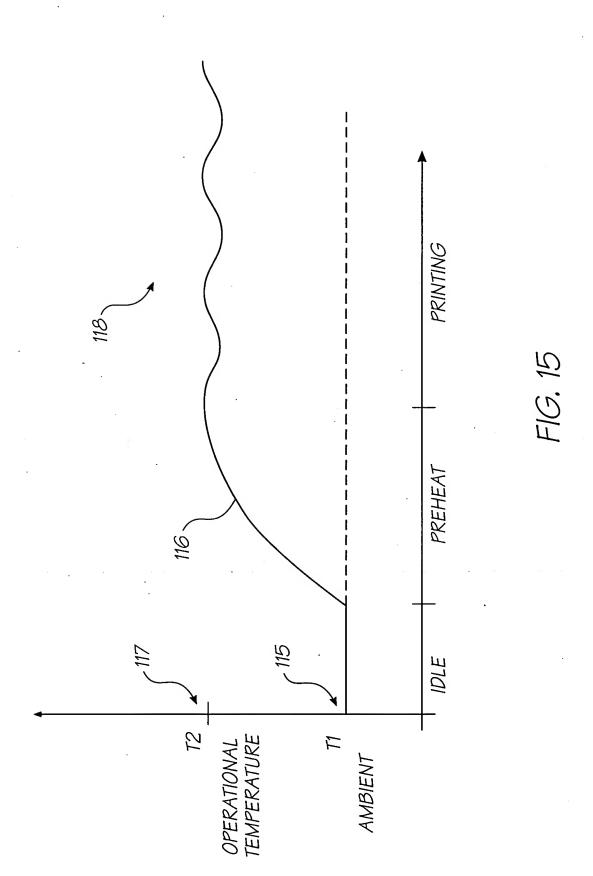
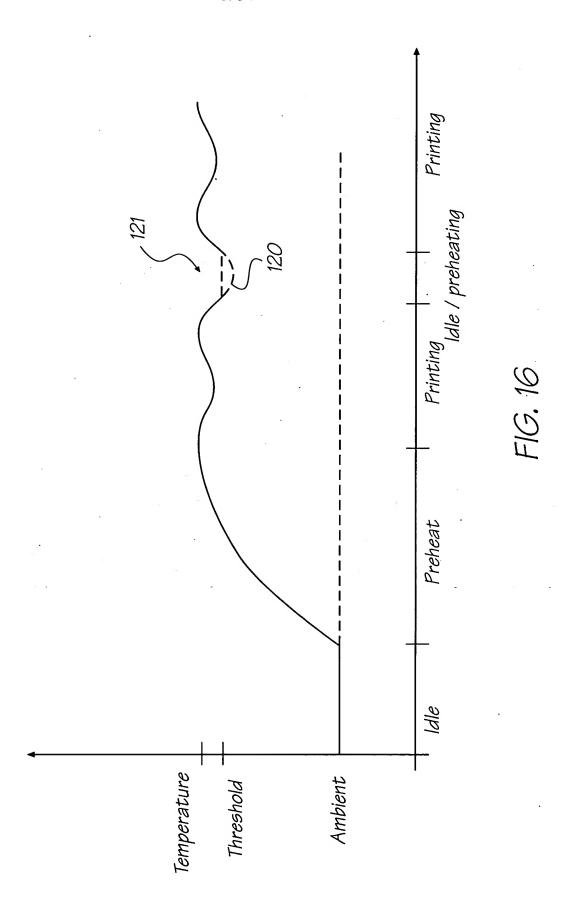


FIG. 12







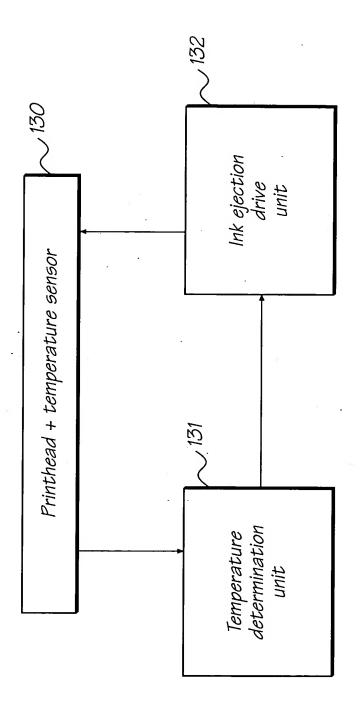
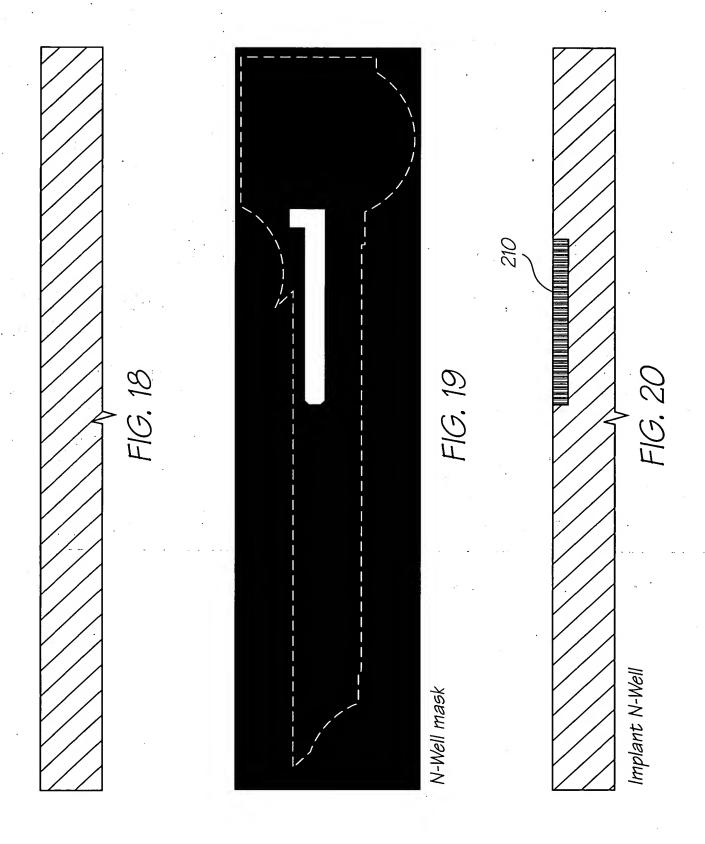


FIG. 17



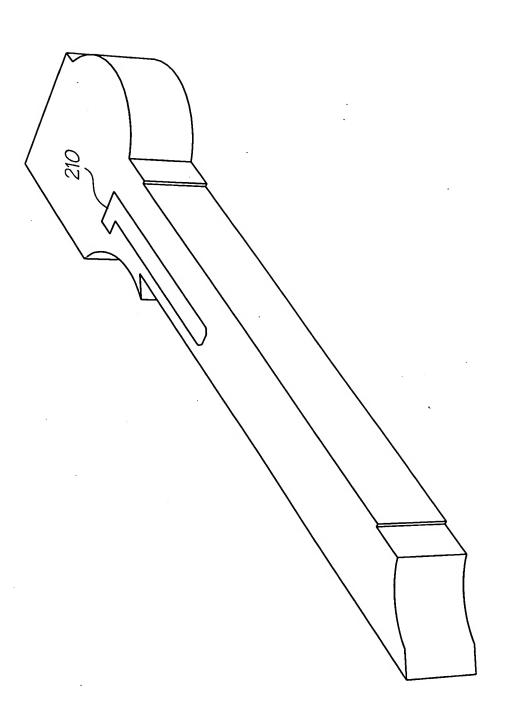
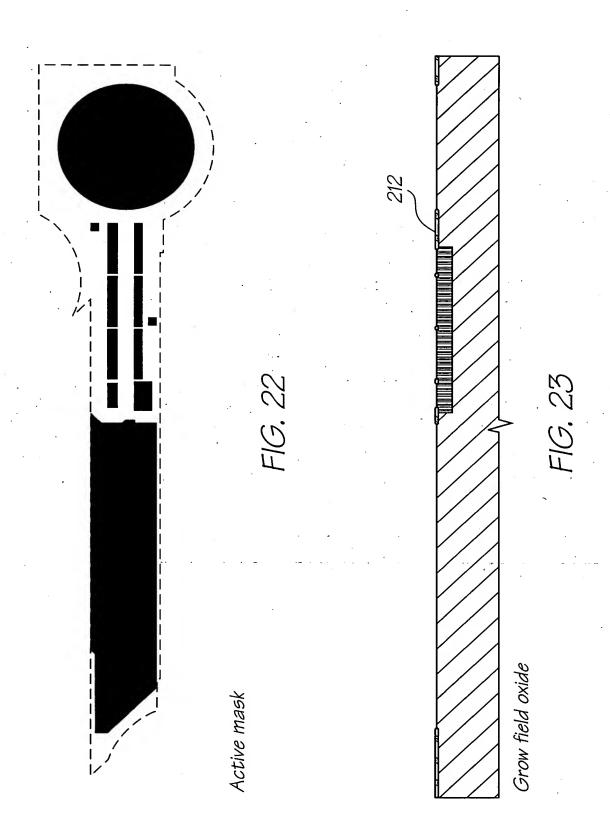


FIG. 21



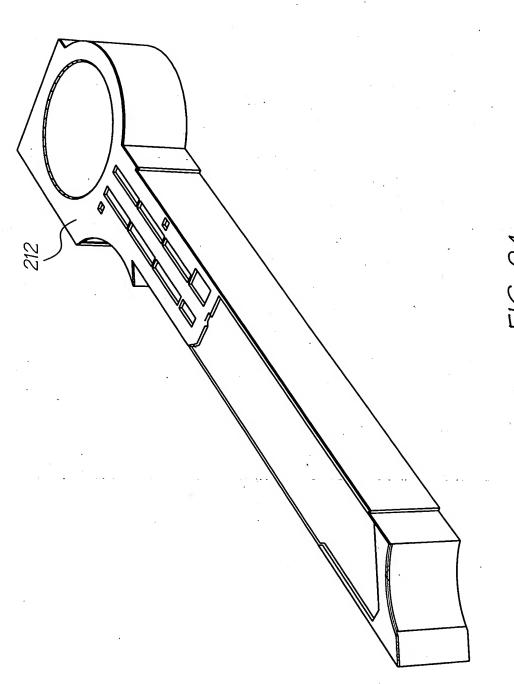
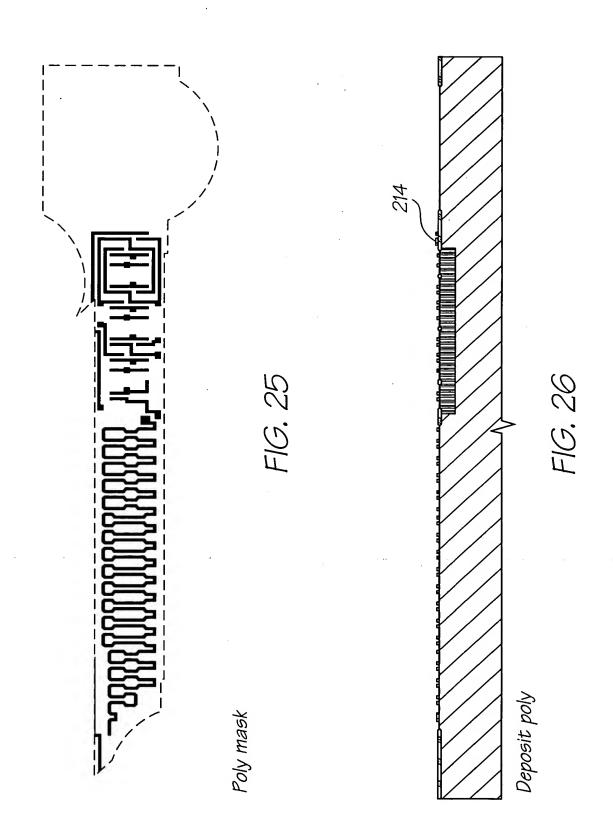
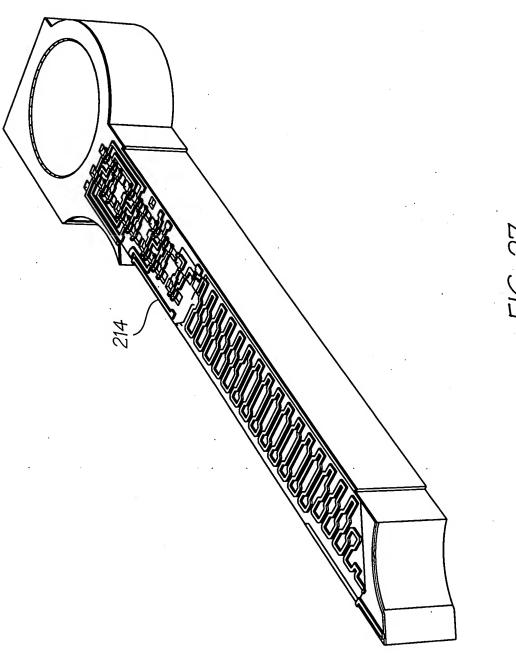
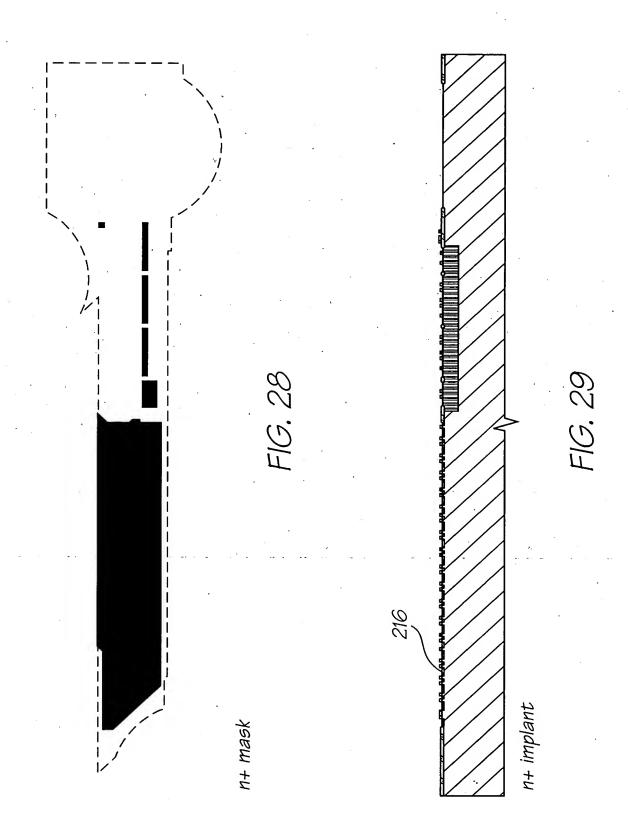
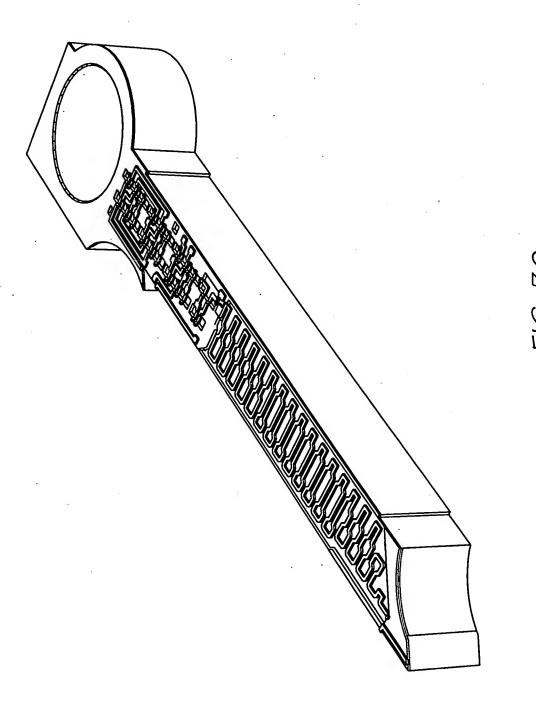


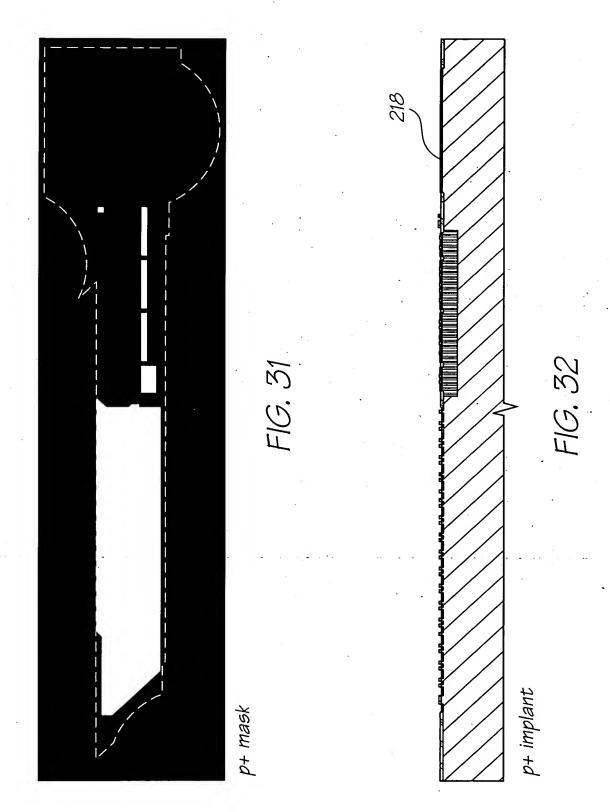
FIG. 74

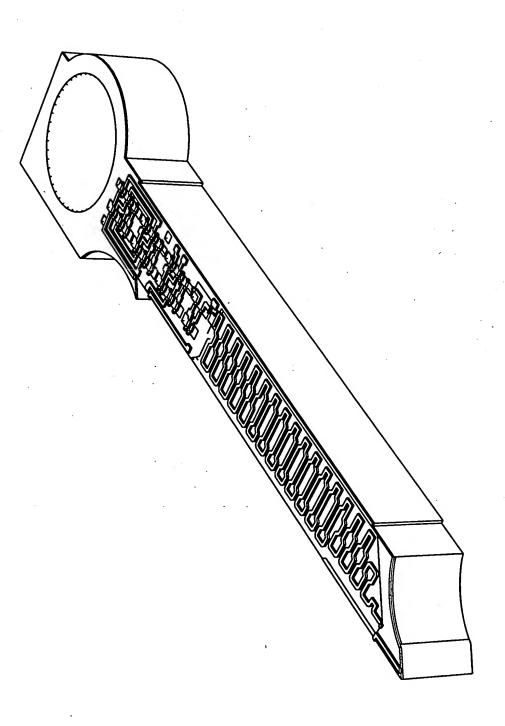


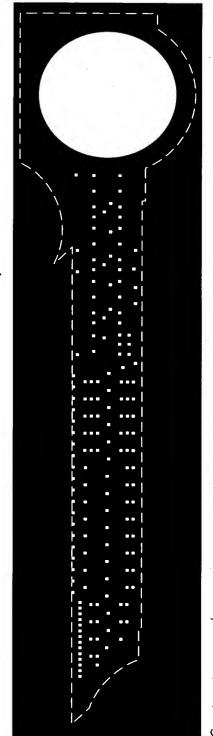






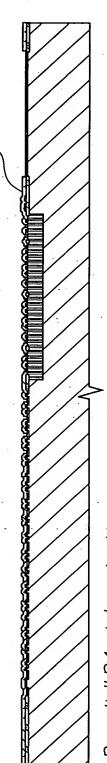






Contacts mask

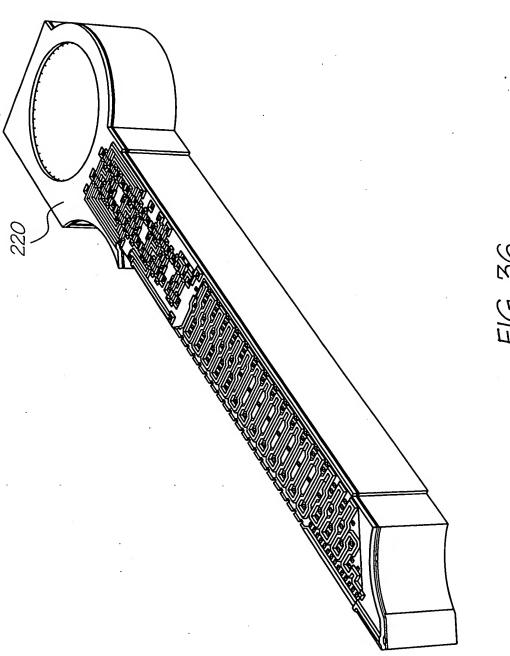
FIG. 34

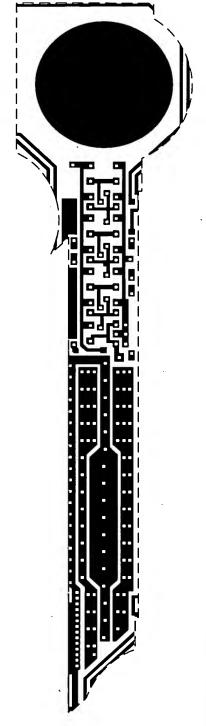


220

Deposit ILD 1, etch contacts

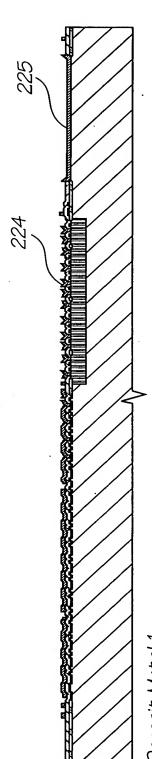
FIG. 35





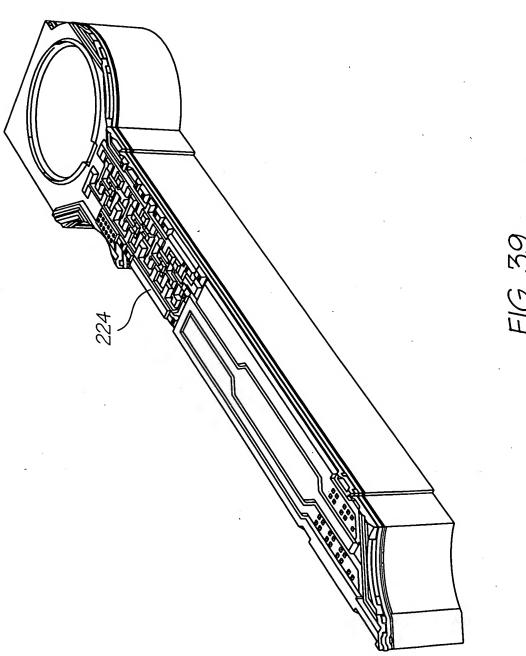
Metal 1 mask

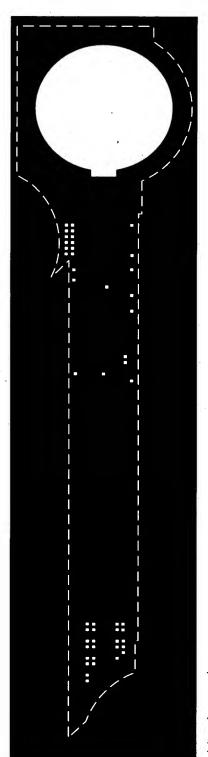
FIG. 37



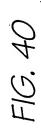
Deposit Metal 1

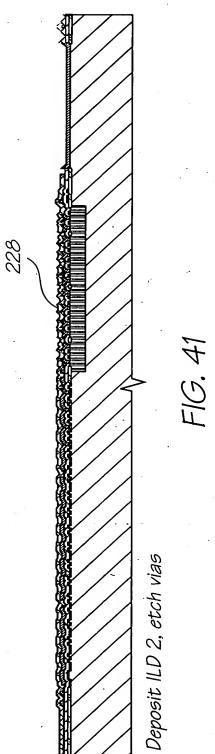
FIG. 38

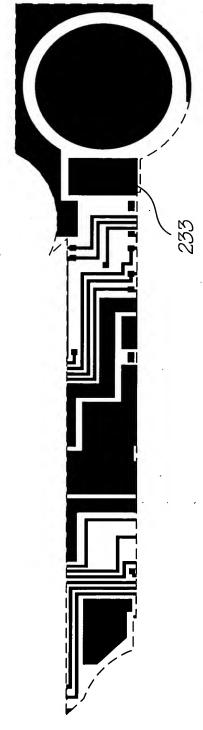




Via 1 mask

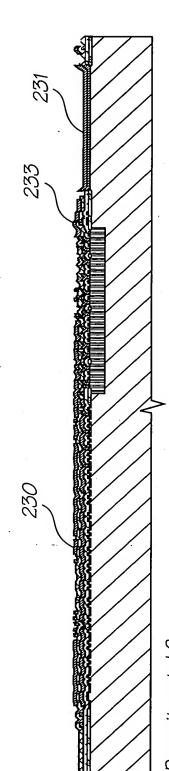






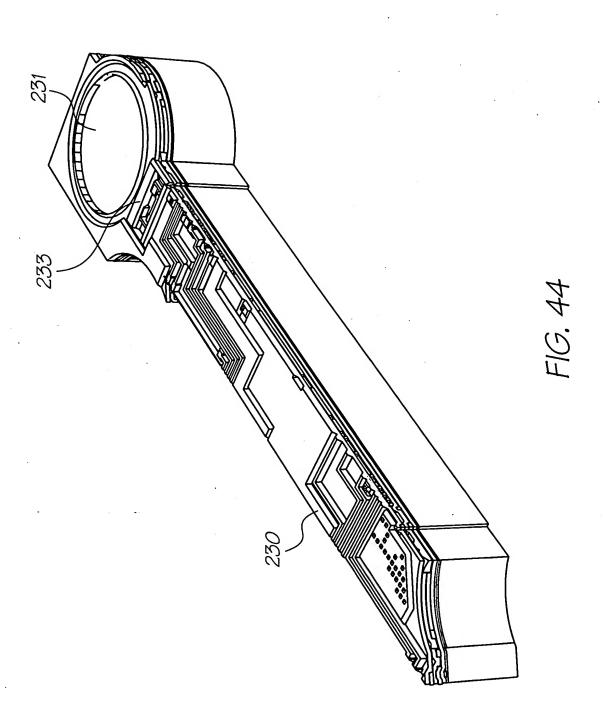
Metal 2 mask

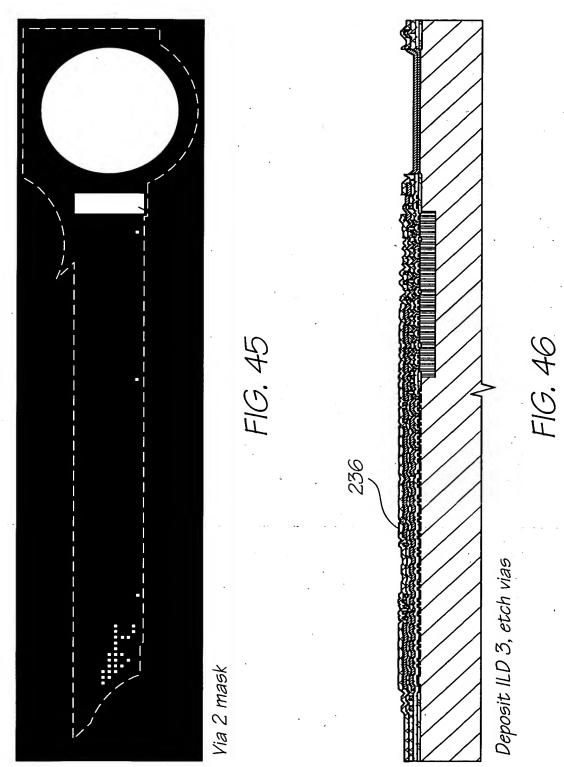
FIG. 42

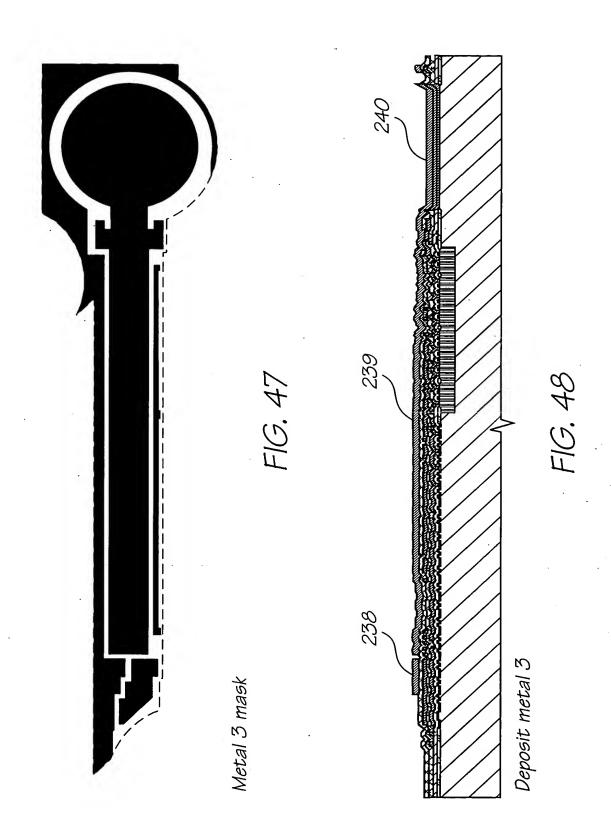


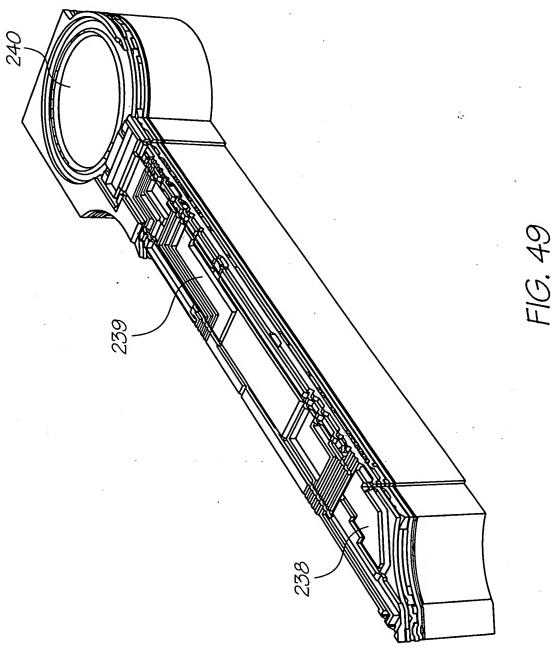
Deposit metal 2

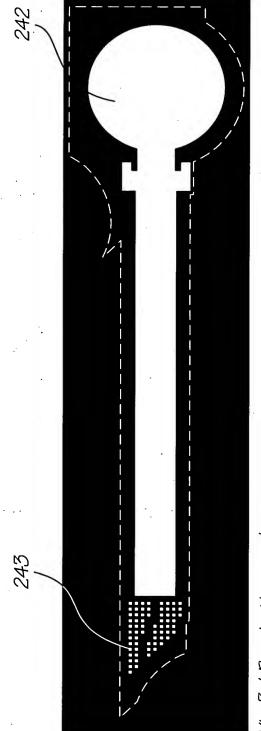
FIG. 43





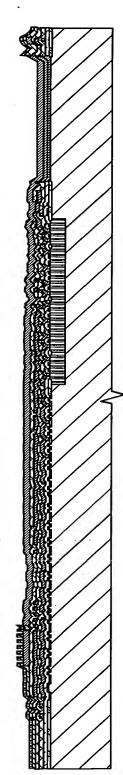






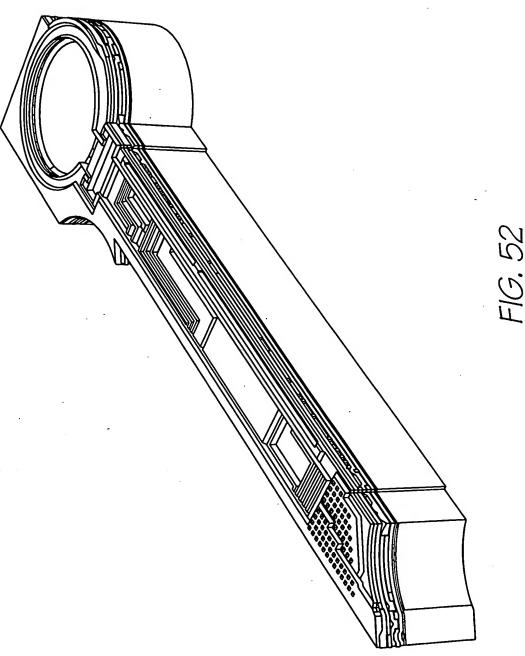
Via 3 / Passivation mask

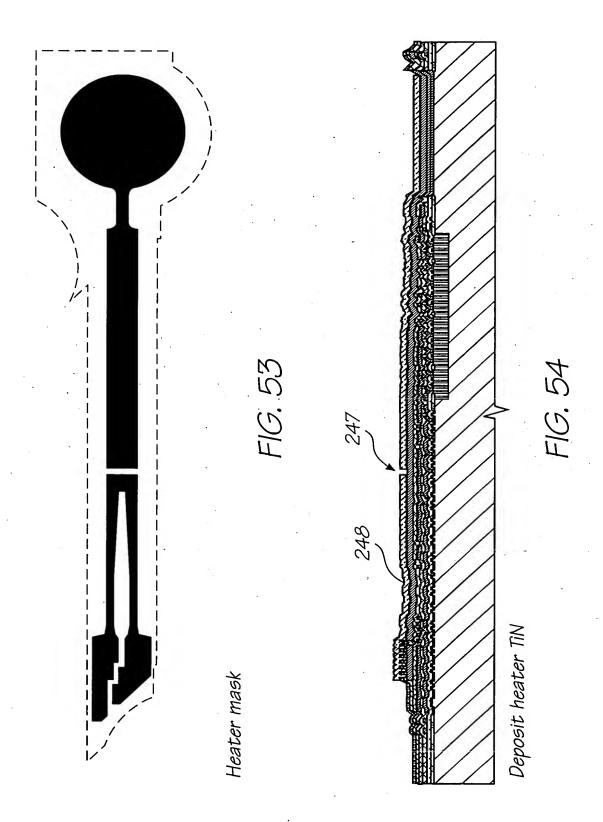
FIG. 50

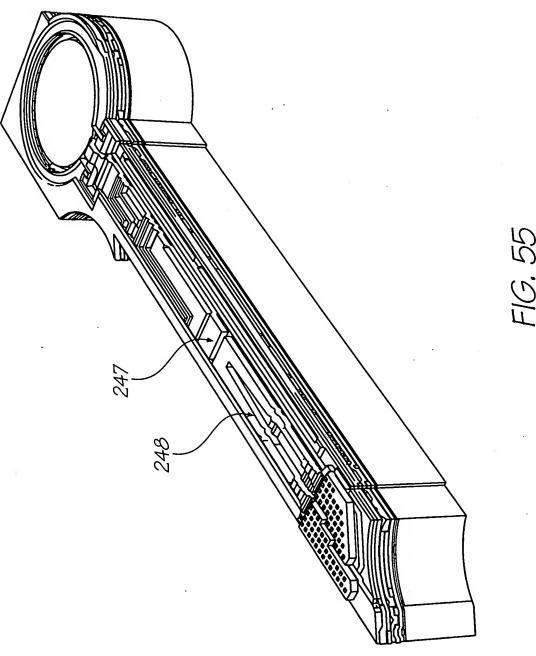


Deposit passivation oxide & nitride, etch vias

FIG. 51







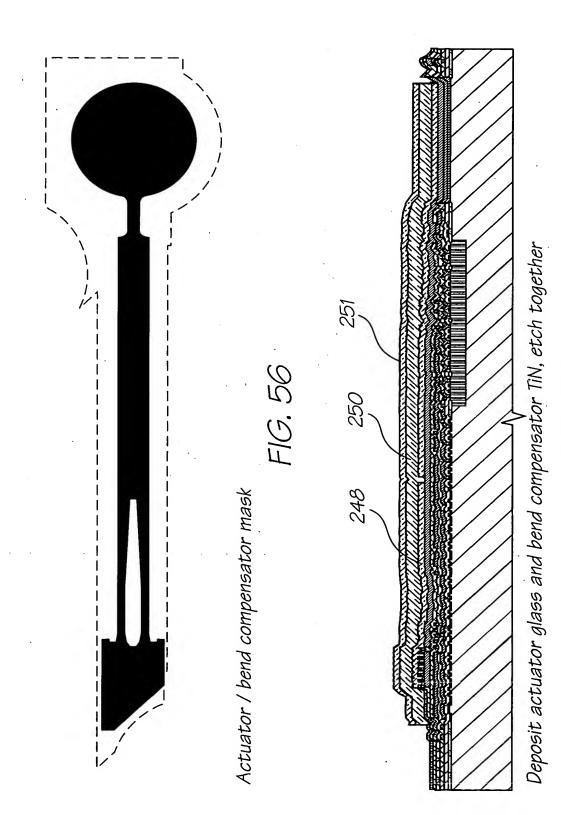
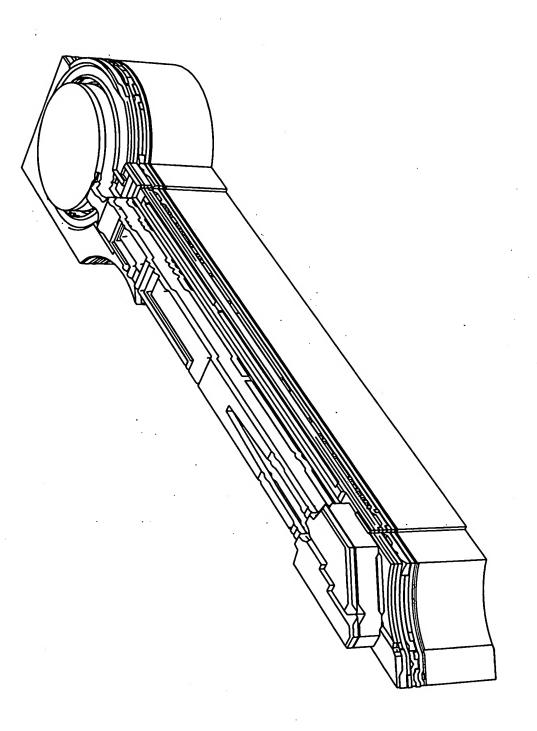
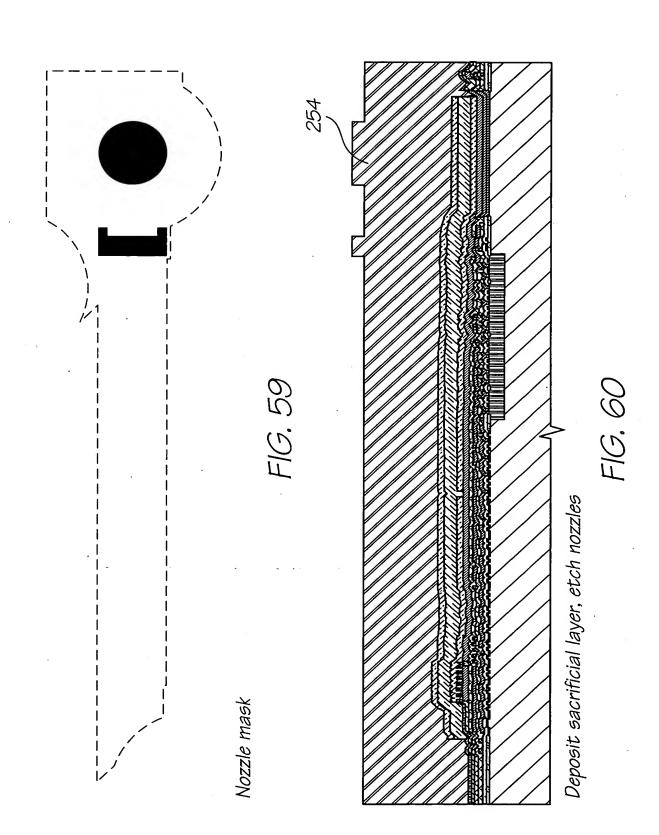
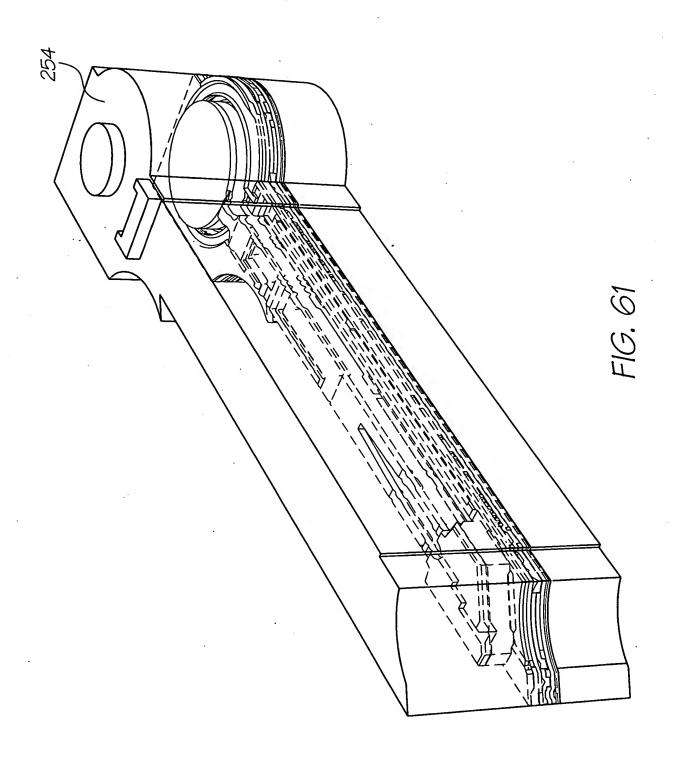
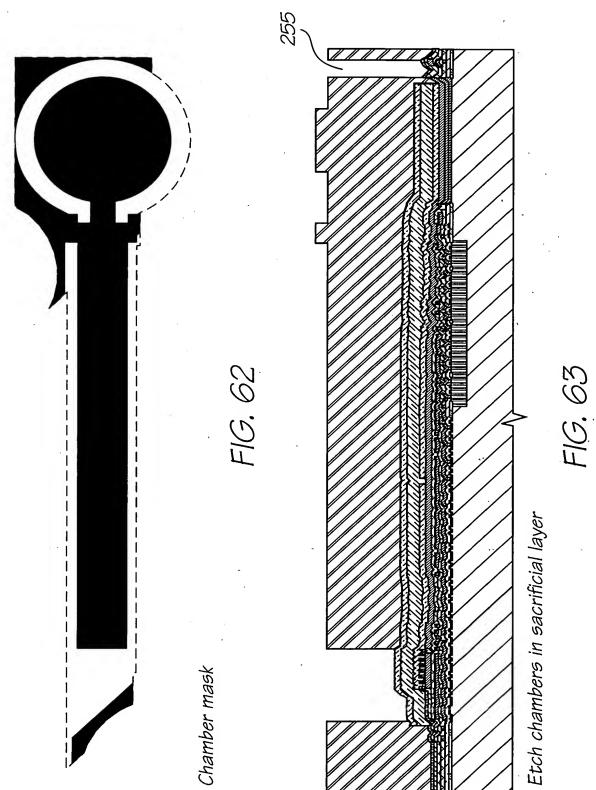


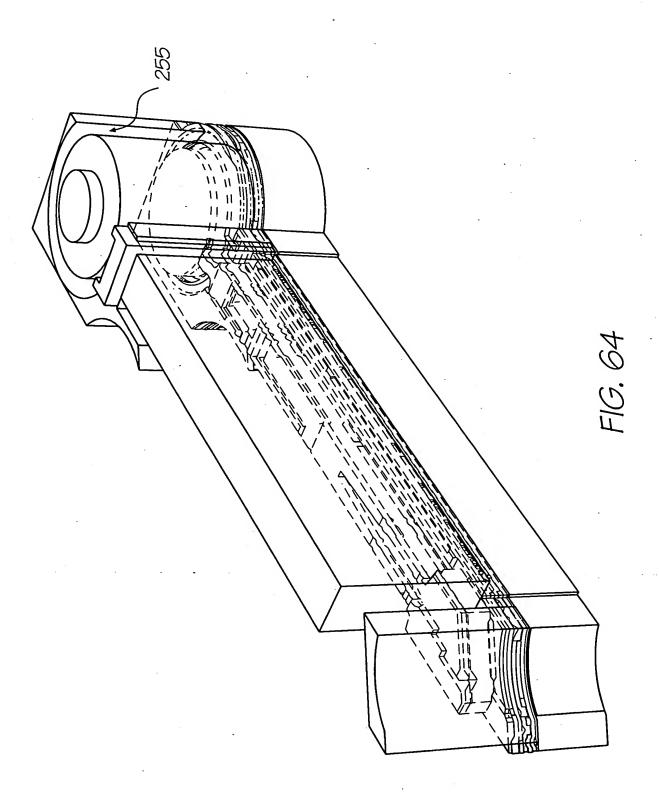
FIG. 57











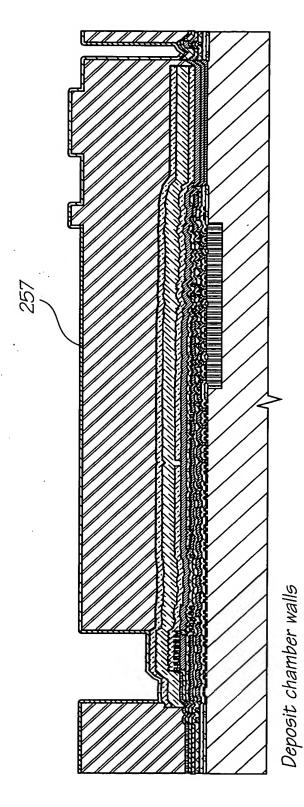
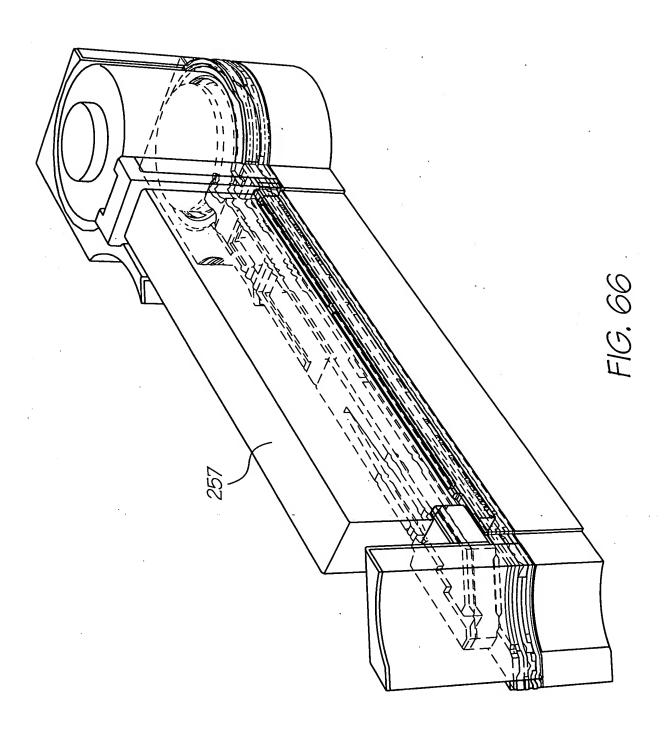
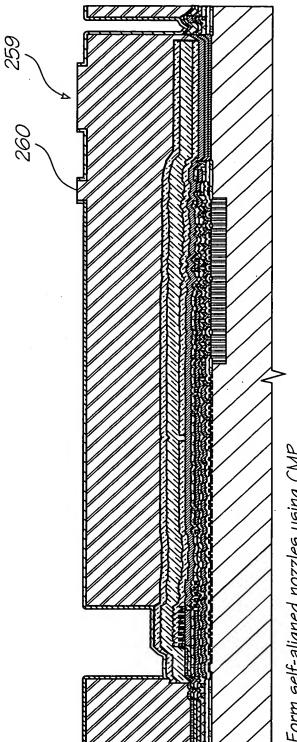
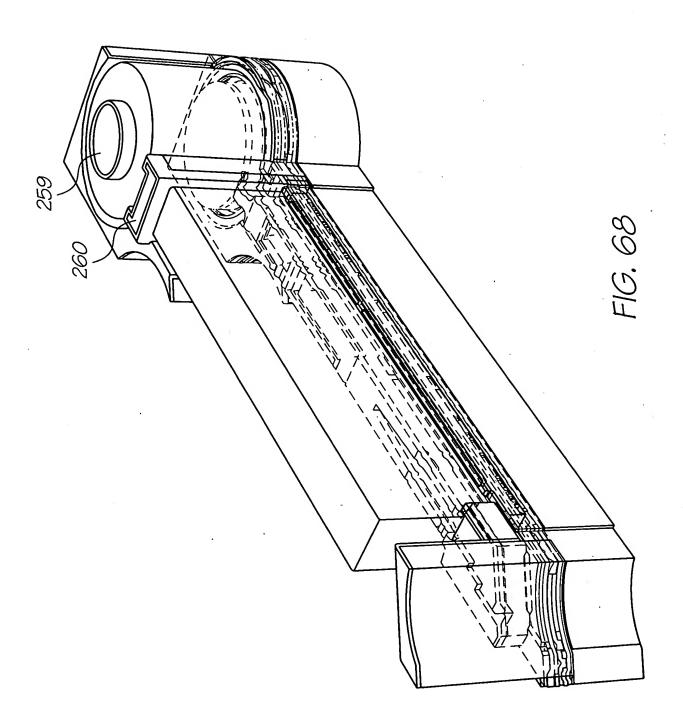


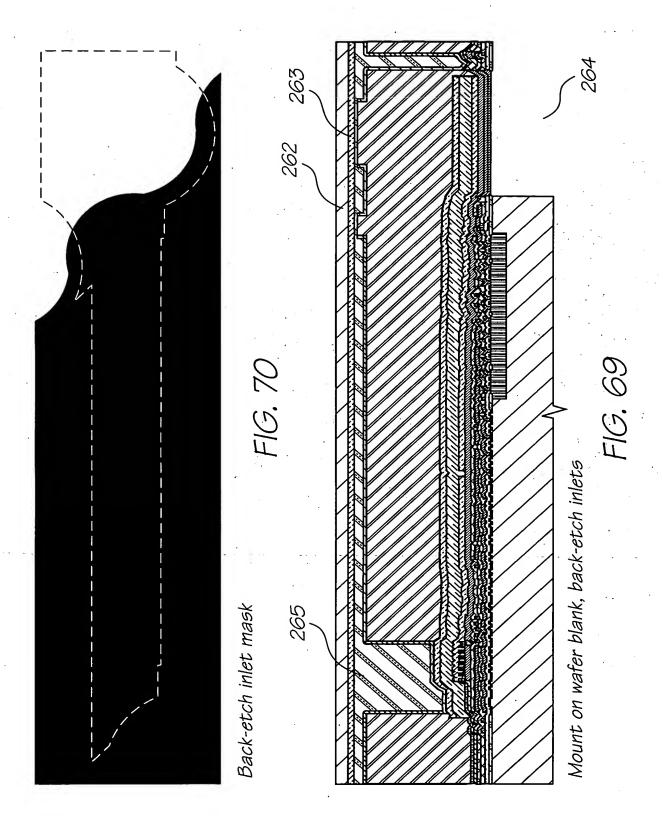
FIG. 65

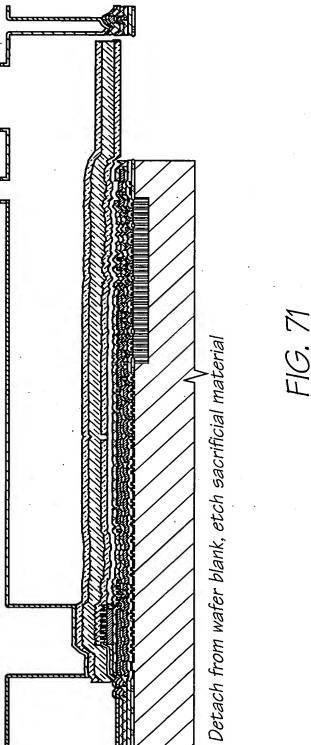


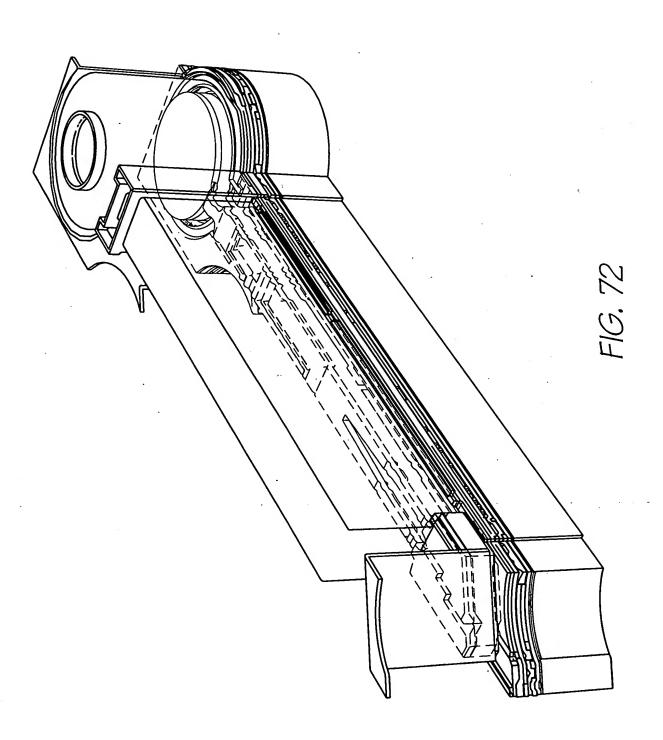


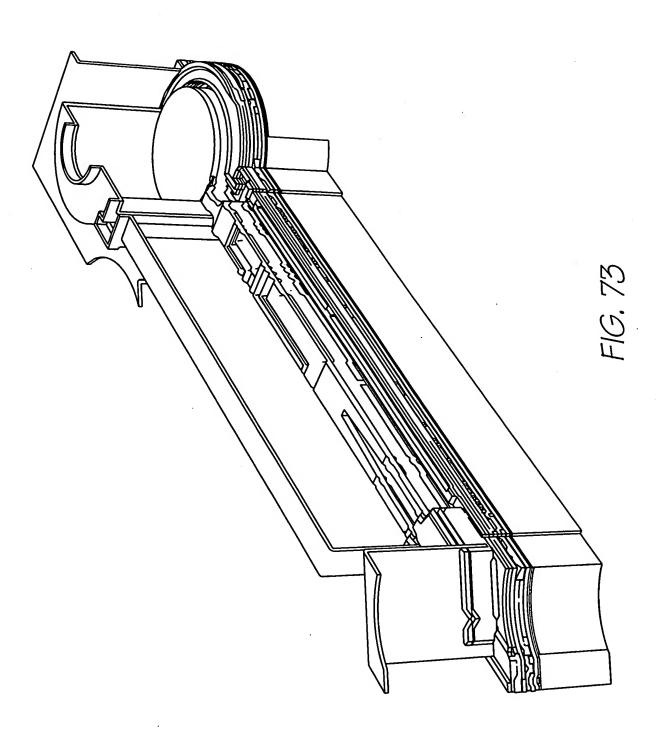
Form self-aligned nozzles using CMP

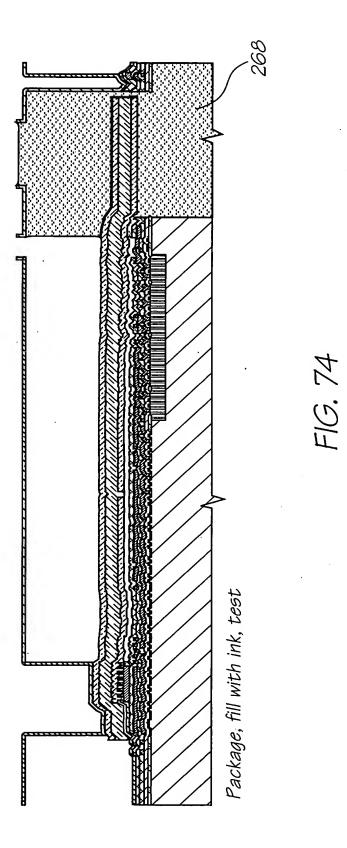


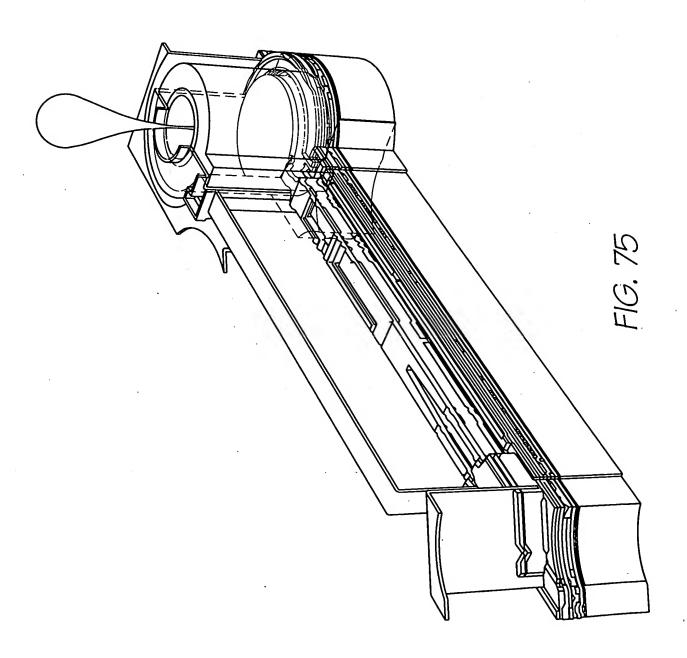












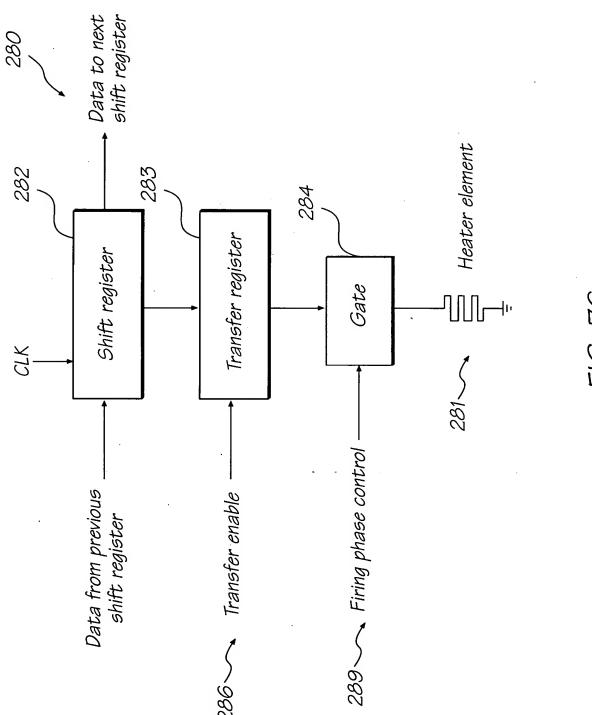


FIG. 76

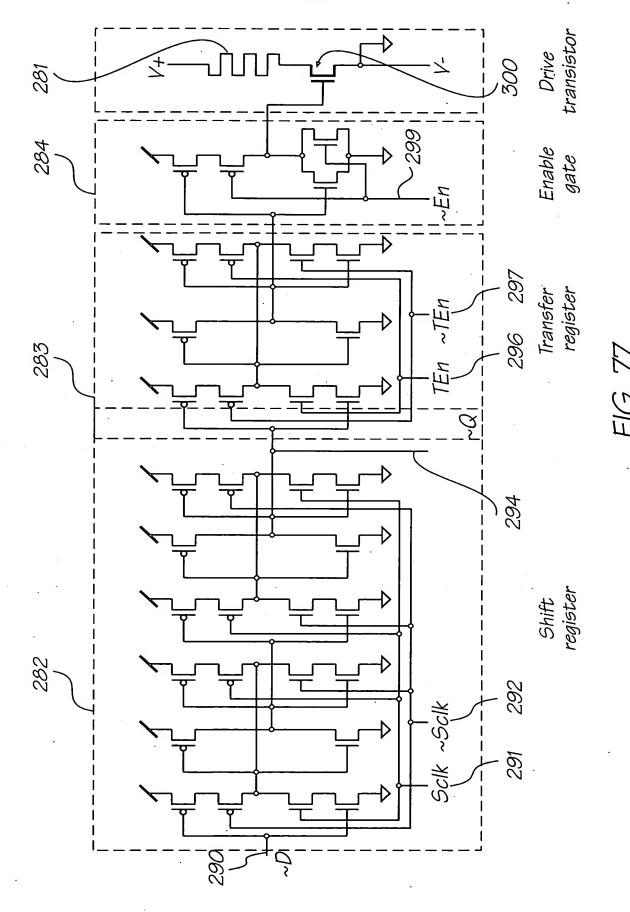
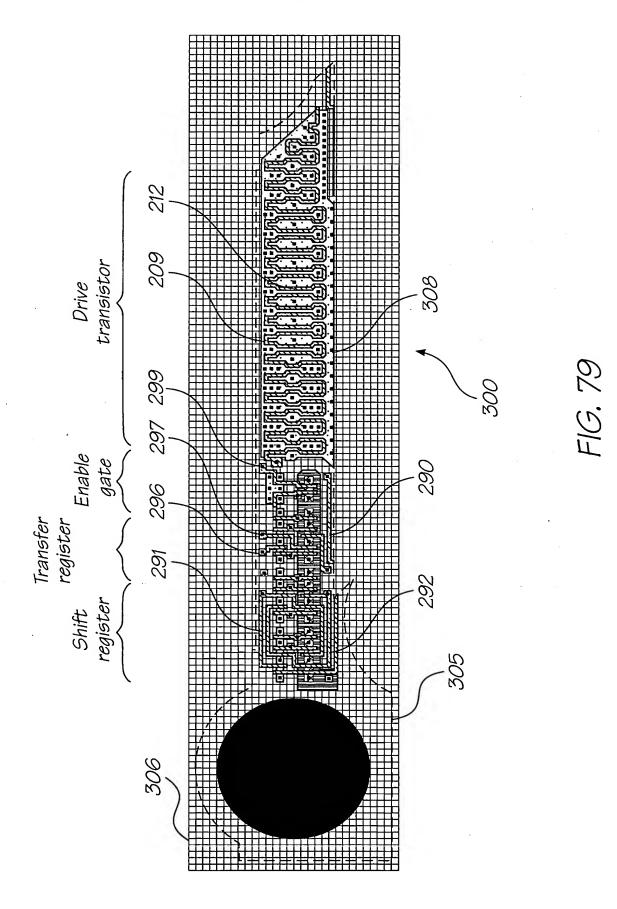


FIG. 78



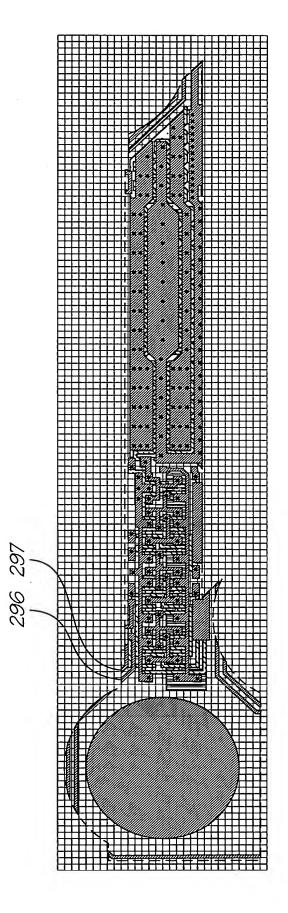


FIG. 80

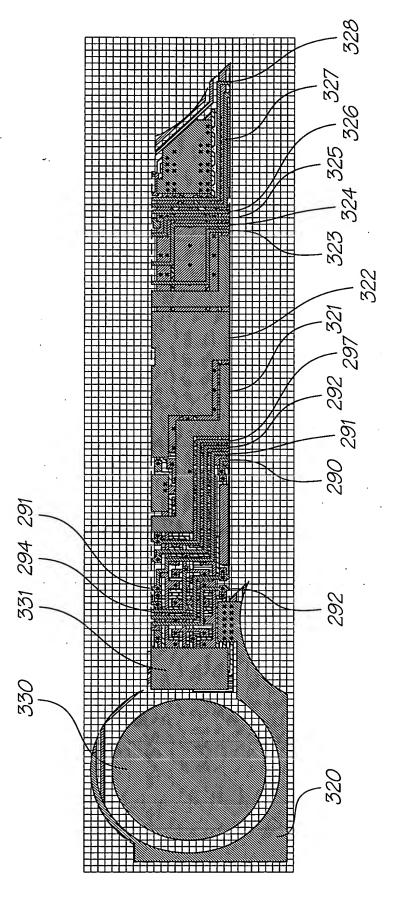


FIG. 81

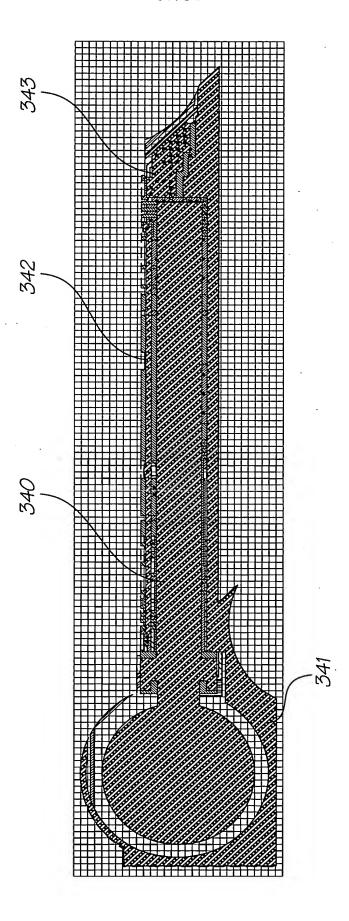


FIG. 82

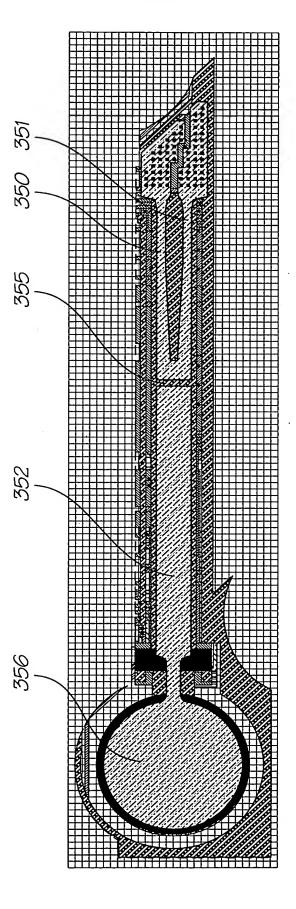


FIG. 83

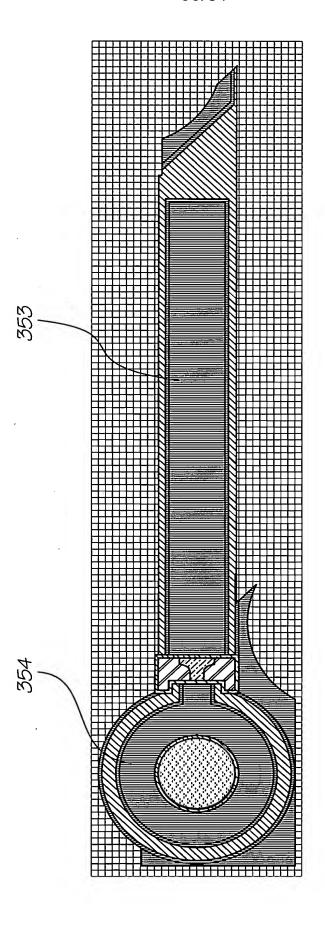
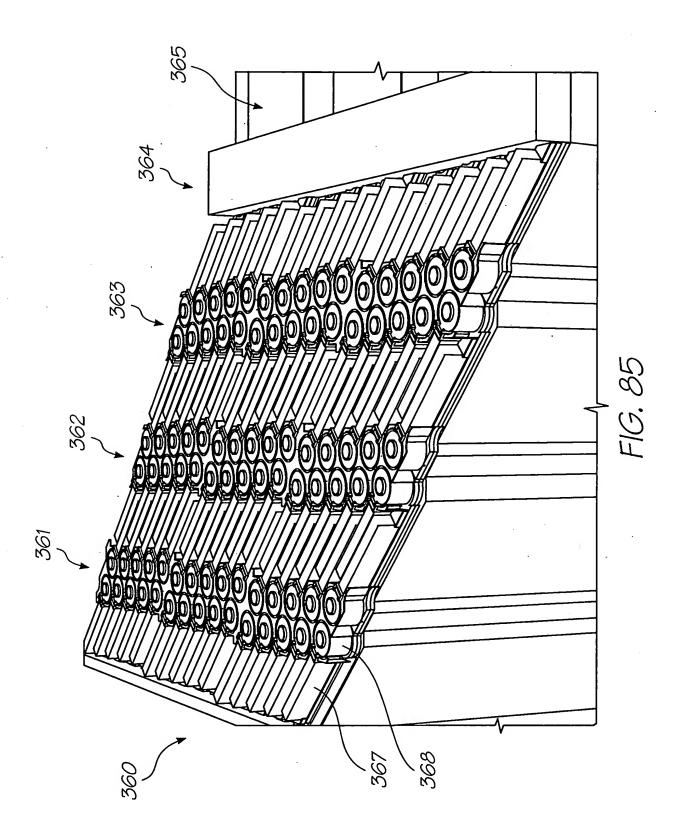


FIG. 84



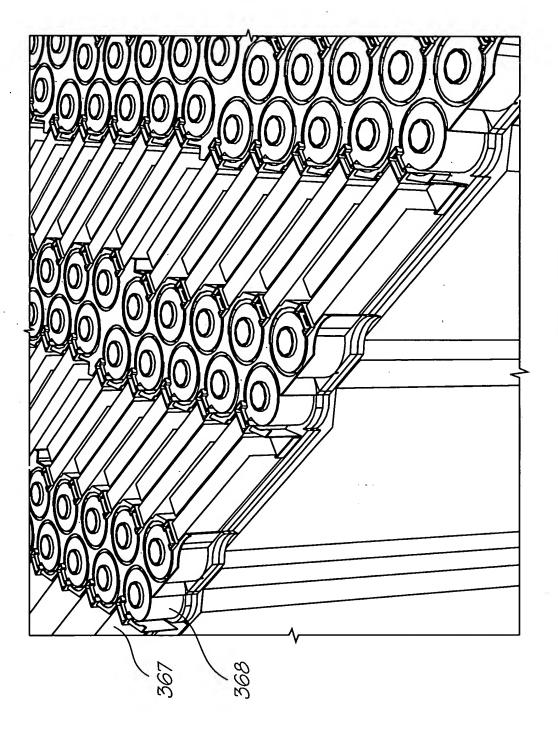


FIG. 86

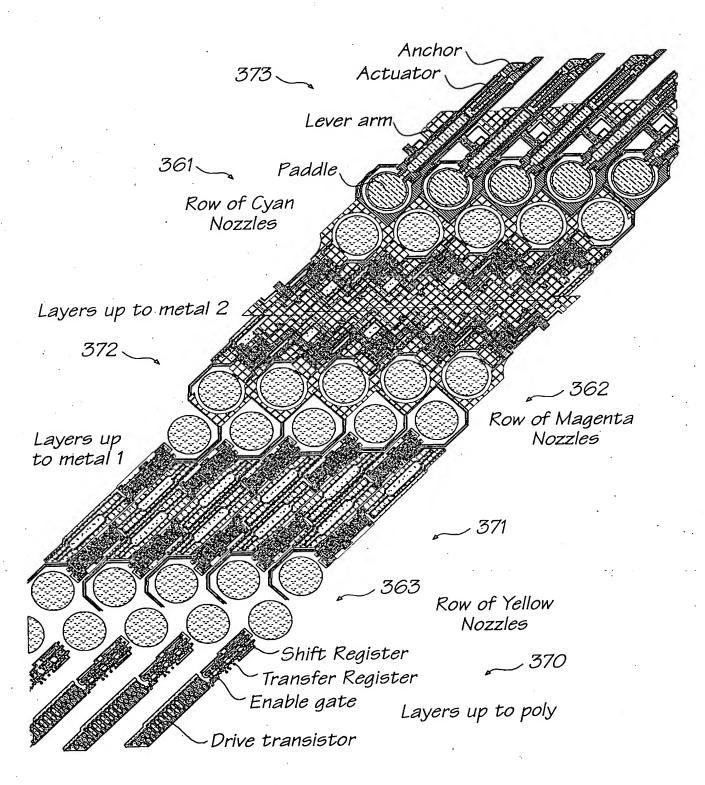
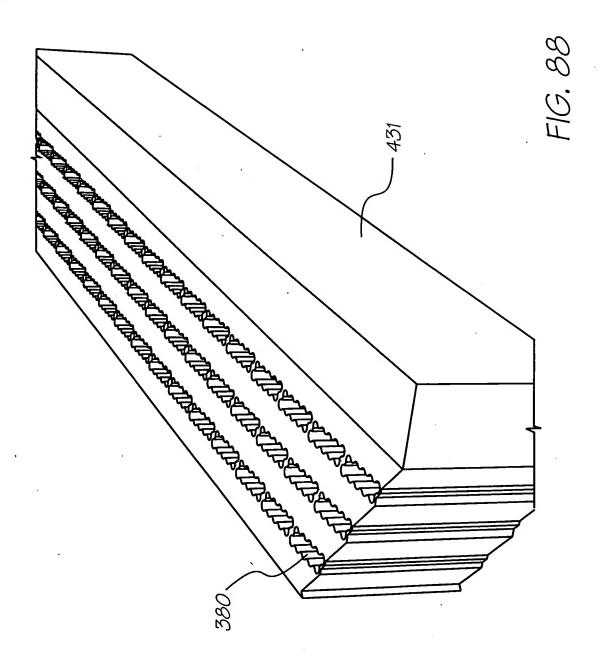
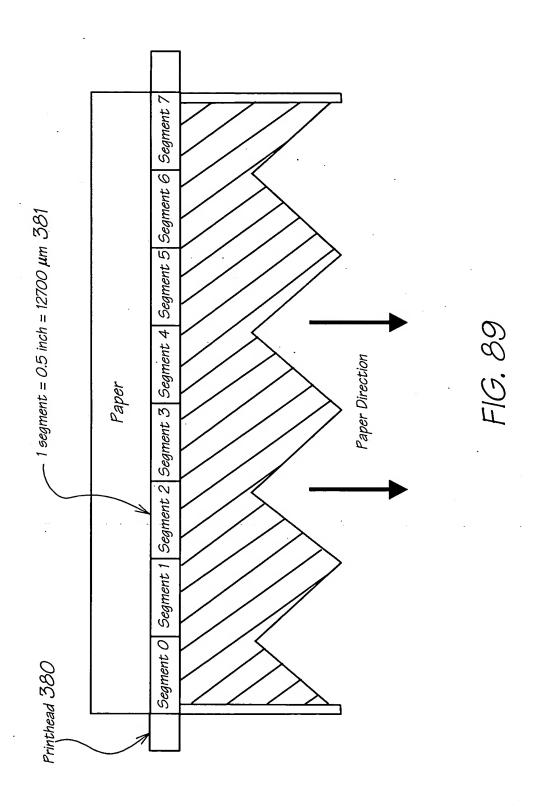
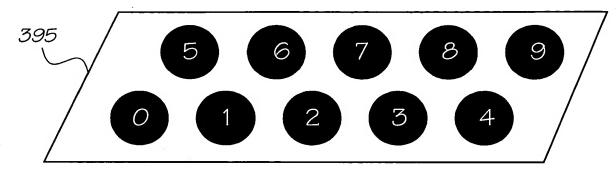


FIG. 87

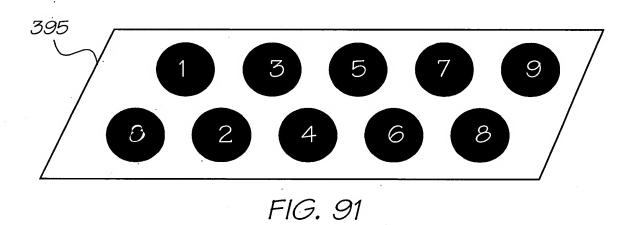






A single pod, numbered by firing order

FIG. 90



10 tripods

0 1 2 3 4 5 6 7 8 9

1. The state of the stat

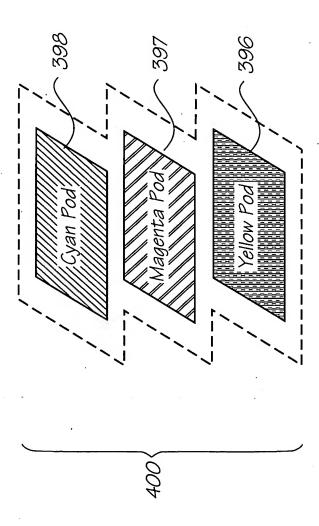


FIG. 92

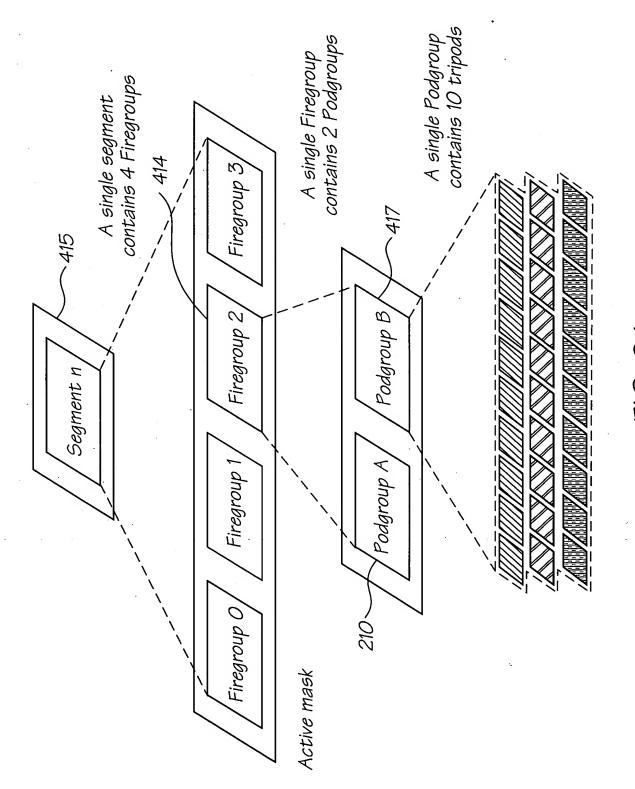


FIG. 94

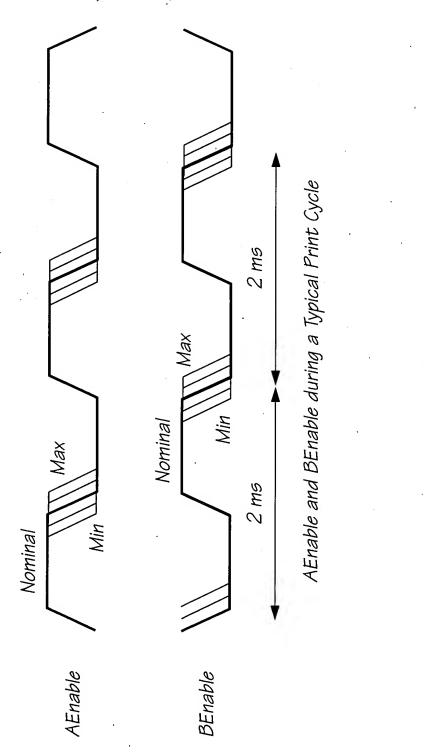
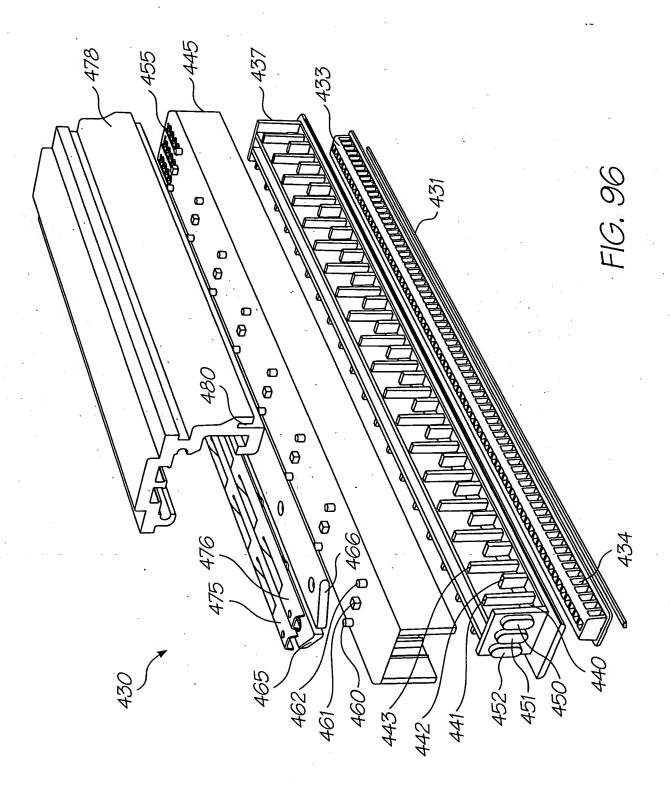
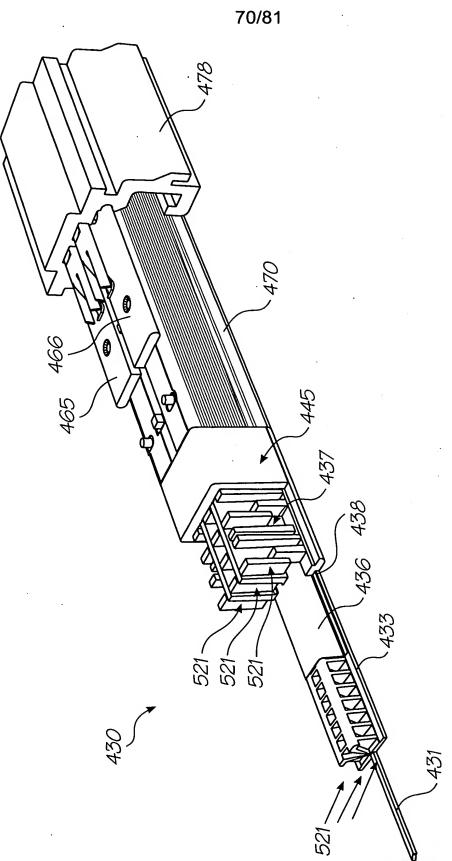
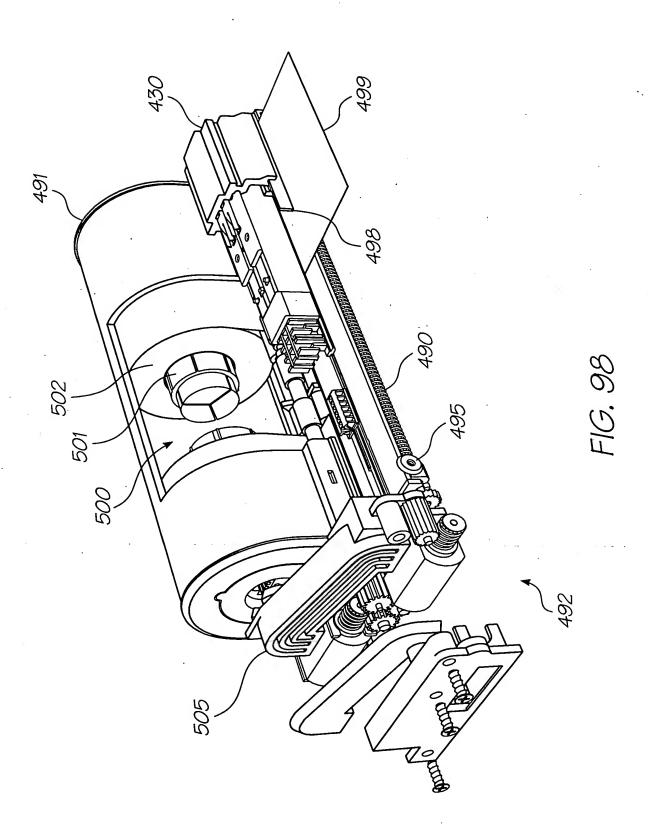
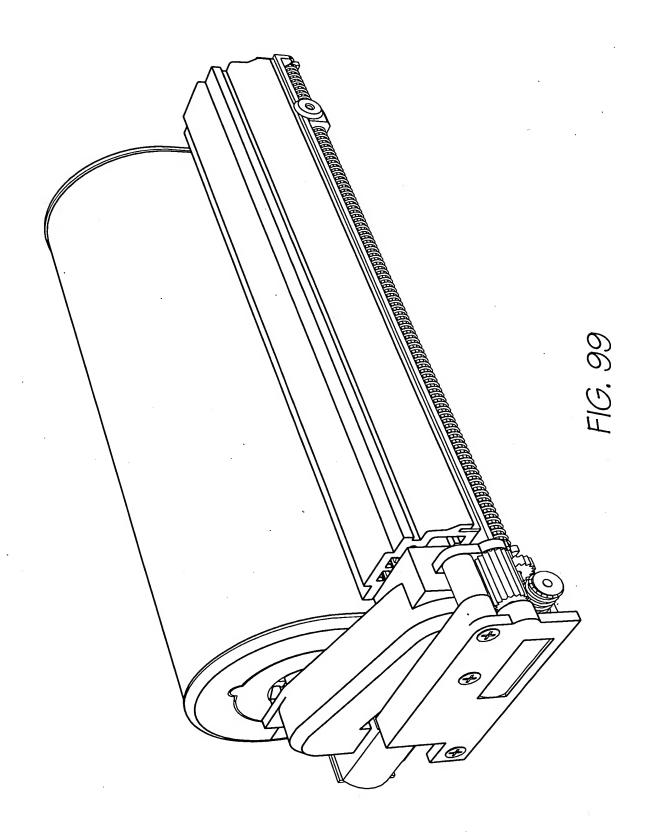


FIG. 95









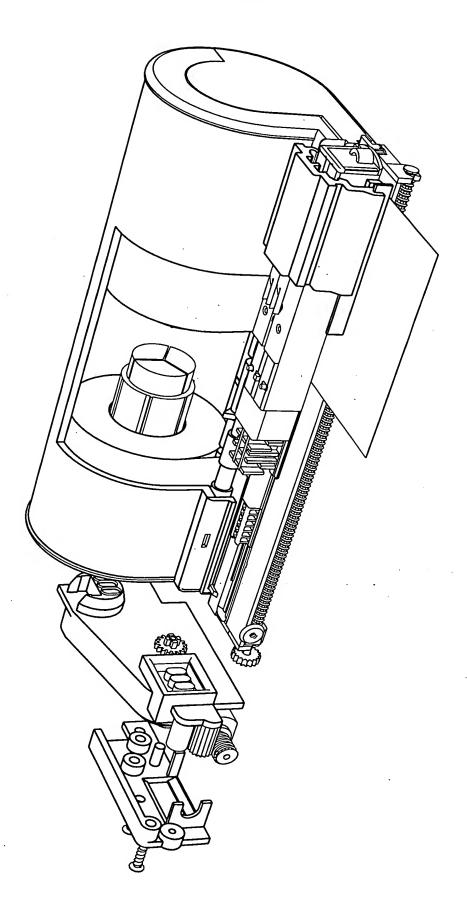


FIG. 100

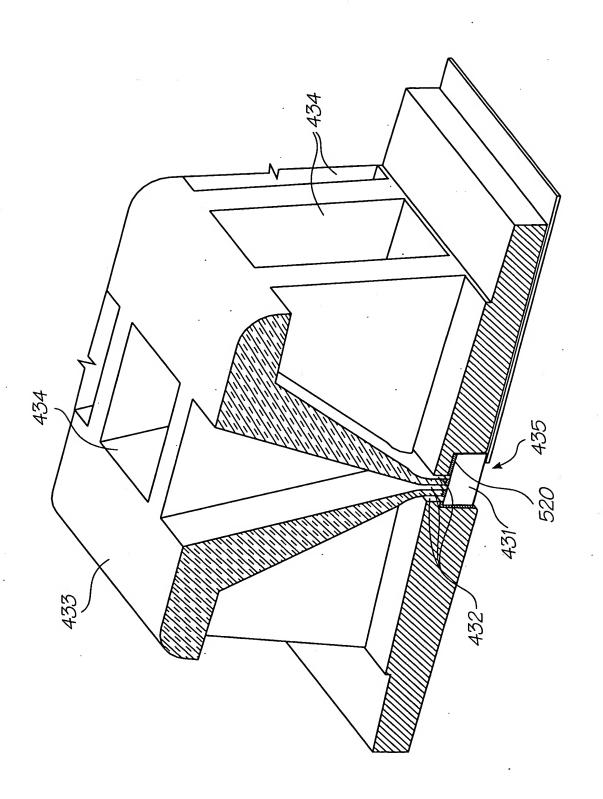


FIG. 101



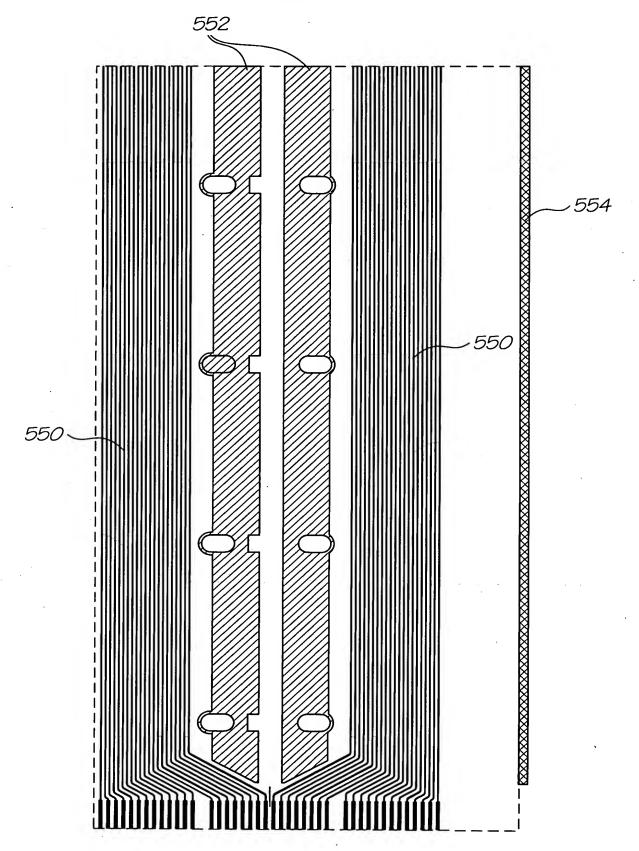


FIG. 102

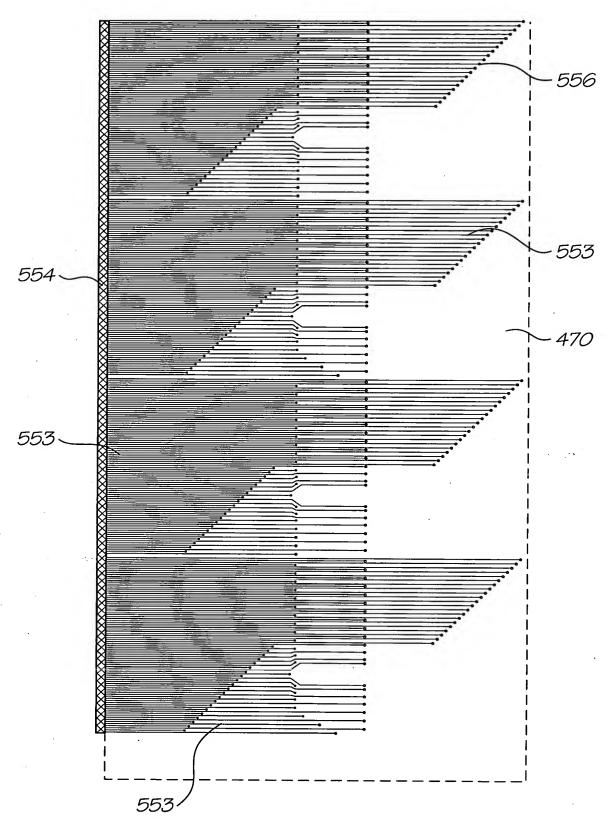
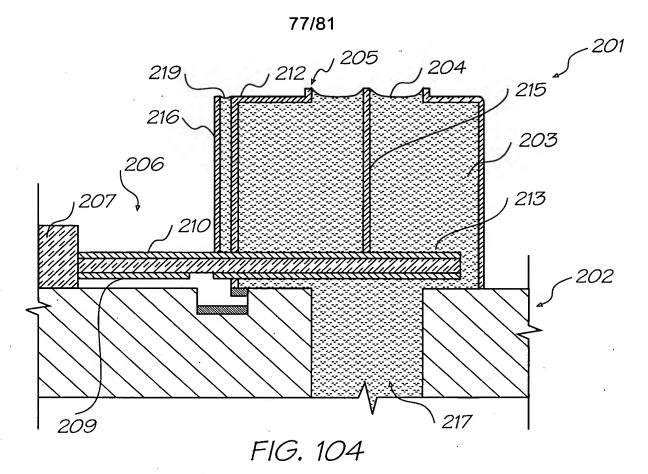
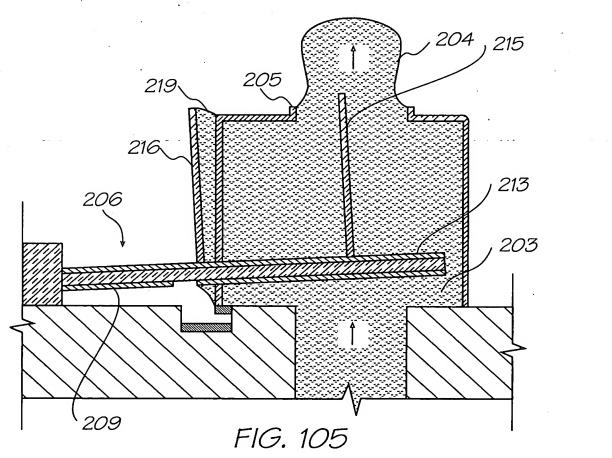


FIG. 103





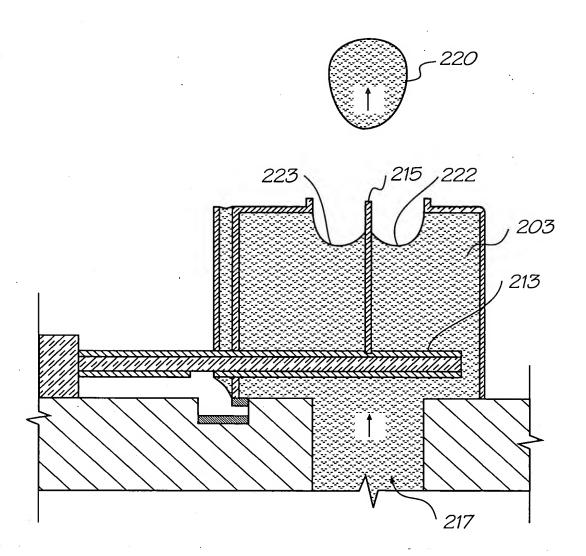
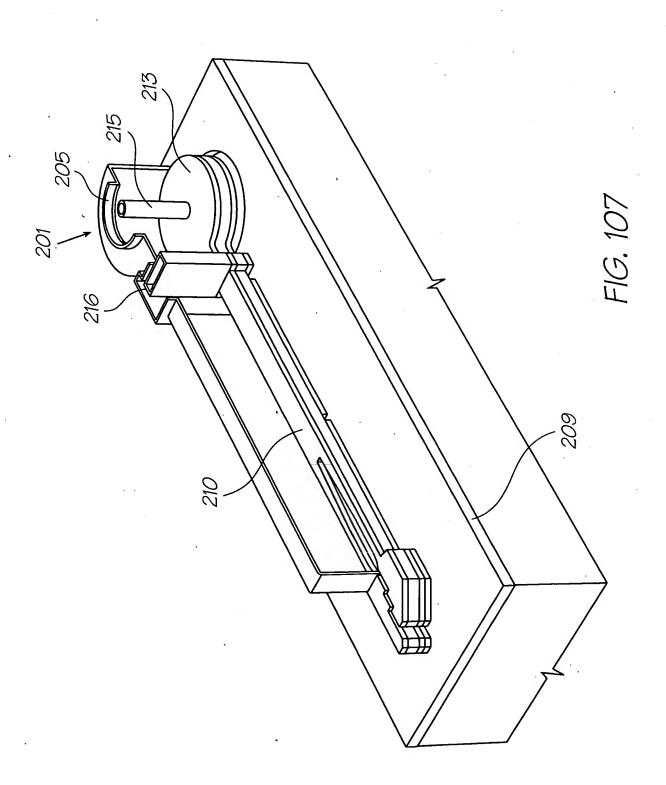
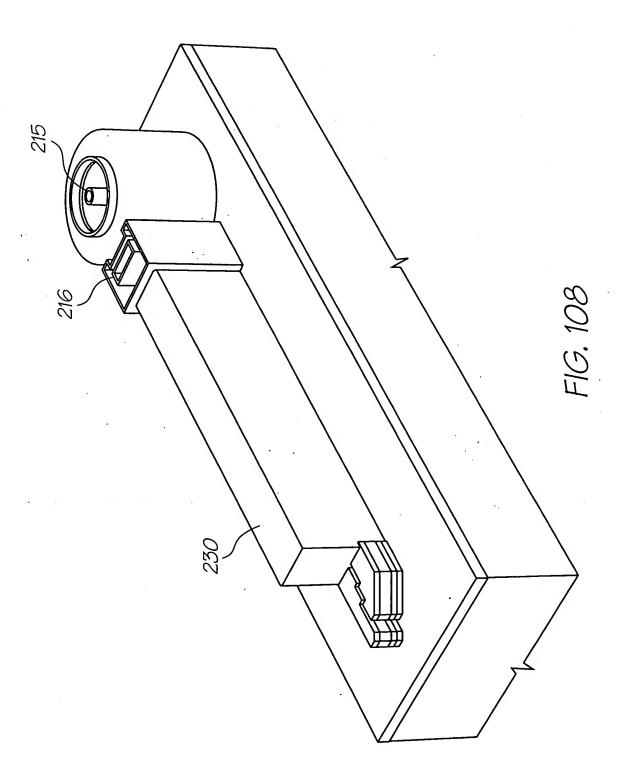


FIG. 106





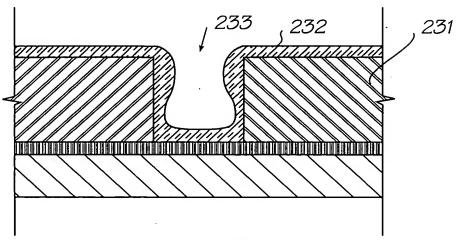


FIG. 109

